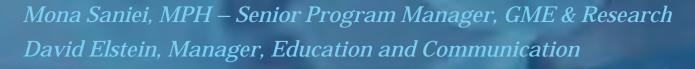
## The American Board of Orthopaedic Surgery's Knowledge, Skills, and Behavior Program (ABOS KSB) for Program Coordinators





American Board of Orthopaedic Surgery

Establishing Education & Performance Standards for Orthopaedic Surgeons



### ABOS Mission Statement

To ensure safe, ethical, and effective practice of orthopaedic surgery, the ABOS maintains the highest standards for education, practice, and conduct through examination, certification, and maintenance of certification for the benefit of the public.

Privilege of Self Regulation





ABOS Goal: provide assessment tools for the measurement of:

Knowledge,
 Surgical
 Skills, and
 Professional
 Behavior





## Knowledge

- Knowledge Assessment
  - Orthopaedic In-Training Examination (AAOS OITE)
  - Goal: Pass the ABOS Part I Examination



- Master a vast body of knowledge / Test a vast body of knowledge
- Science
  - Blueprinting
  - Item evaluation
  - Standard Setting/Equating
  - Linking AAOS OITE and ABOS Part I





## Surgical Skill

- Surgical Skills Assessment
  - Formative case-by-case assessment, providing useful feedback
  - Increased resident responsibility in operating room
  - Residents controlled program
  - **Goal:** Pass the ABOS Part II Oral Examination
- Art
  - Appropriate procedures and numbers of procedures
  - What cases are important?
  - Integrate with Case Logs
- Science
  - Validated assessment tool



### **Behavior**

- Professional **B**ehavior Assessment
  - End-of-Rotation Assessments/360 Assessments
  - Useful feedback
  - Goal: ABOS Peer Review process throughout career
- Art
  - Identify and remediate
- Science
  - Validated assessment tool
  - Identifying outliers





## ABOS KSB Requirement

Beginning academic year 2025/26: **July 1, 2025 Participation is required**, not specific levels of achievement Resident must meet ABOS participation requirements





## ABOS KSB Participation Requirements

ABOS KSB participation requirements that will be effective July 1, 2025, for those residents who wish to take the ABOS Part I Examination starting in 2026:

#### Knowledge

- o PGY 1-5
  - ■3 OITE examinations completed

#### Surgical Skills

- o PGY 2-5
  - 80 completed assessments per year of residency education
- o PGY 1
  - 12 completed assessments

#### Professional Behavior

- o PGY 2-5
  - 6 completed end-of-rotation professional behavior assessments per year
- o PGY 1
  - 3 completed end-of-rotation professional behavior assessments



## Requirement Summary

Exam Year	Requirements				
2026	80 SS/6PB/0 OITE				
2027	160 SS/12PB/1 OITE				
2028	240 SS/18PB/2 OITE				
2029 and Beyond	320 SS/24 PB/3 OITE				

#### **REMEDIATION PLAN:**

Graduated orthopaedic residents who failed to meet the requirements to take the ABOS Part I Examination due to insufficient completed ABOS KSB assessments may reapply to take the examination the following year. They must complete the ABOS KSB requirements during their fellowship year or their 1st year in practice.



## Resident Tracking Visuals (Starting July 1, 2025)

ABOS KSB+ App, ABOS KSB+ Web Portal, ABOS Resident Dashboard





Three different places you can view the tracker!

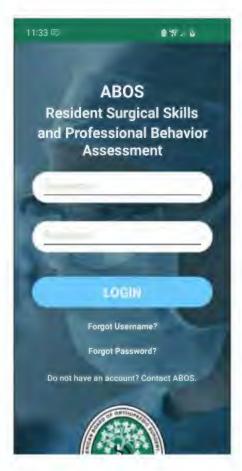


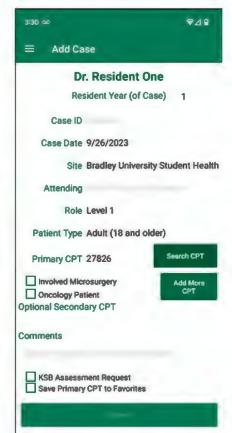




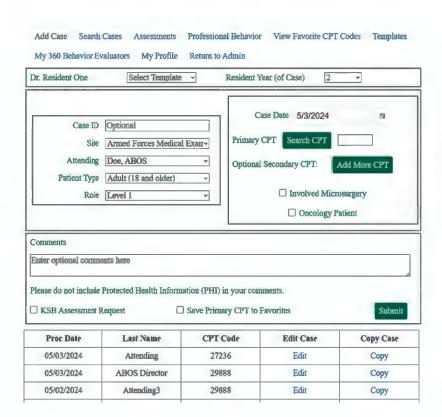


## ABOS KSB+ App





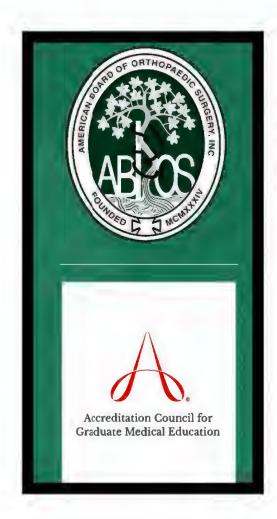
#### Web Portal





# Purpose and Collaboration

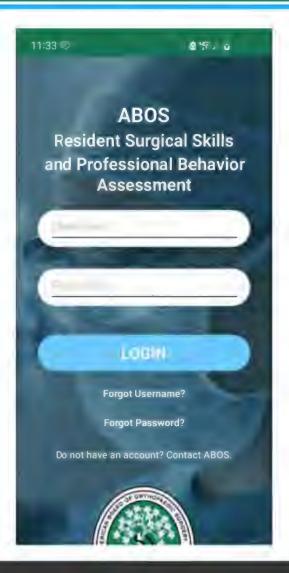
The ABOS has collaborated with the Accreditation Council for Graduate Medical Education (ACGME) to integrate case log entry into the ABOS KSB web portal and mobile app.





- Highly Recommend:

   Enter all Surgical Cases going forward on ABOS KSB+ App or ABOS KSB+ Web Portal.
- No duplicate entry in ACGME ADS!





### How To Use:

#### Quick Guide and Tutorials



#### **Important Notes**

- ACGME ADS is still active for programs and residents to review reporting.
  - Case log data are available for ADS reporting within 48 hours of entry.
  - Do not wait until last minute to batch cases!
- Residents can modify any submitted case logs via the ABOS KSB+ app
  - Search Cases
  - Modify
  - Changes sent to ACGME. To request a KSB assessment, a case must be entered within 48 hours of the date of that case.

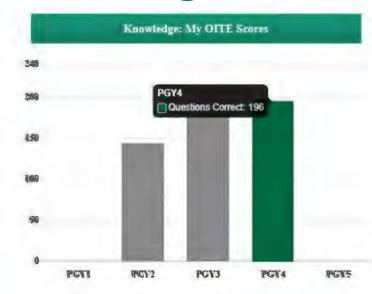


## How It Works-Orthopaedic Knowledge

#### **Measuring Competency**

 Residents have access to their own ABOS Resident Dashboard that tracks their progress and displays their scaled Orthopaedic In-Training Examination (OITE) scores

AAOS OITE Year of Administration	Linking Score to ABOS Part I Pass Point					
2020	<b>169</b> (63% correct)					
2021	<b>182</b> (69% correct)					
2022	<b>181</b> (69% correct)					
2023	<b>165</b> (63% correct)					



A green column indicates a score at or above the score corresponding to the minimum passing performance level on the ABOS Part I Certifying Examination. Click here for more information.



## How It Works-Surgical Skills



Completed Surgical Skills assessments are sent back to the resident in real-time.

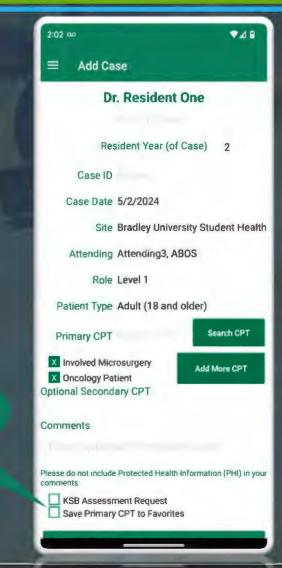
Residents have 48 hours from procedure date to request assessment



## 8 Facets of Surgical Skills Assessments

- 1. Pre-procedure plan
- 2. Case preparation
- 3. Knowledge of specific procedural steps
- 4. Technical performance
- 5. Visuospatial skills
- 6. Post-procedure plan
- 7. Efficiency and flow
- 8. Communication

Don't need to be good in all facets prior to requesting and evaluation!



**KSB** Assessment

Request box will remain unchecked for each log!

- Pre-filled by last entry
  - Case Date
  - Site
  - Attending
  - Role
  - Pt Type
  - Micro/Onc



### How it Works-Professional Behavior



Professional Behavior assessments go directly to Program Director/Program Coordinator and/or APD.

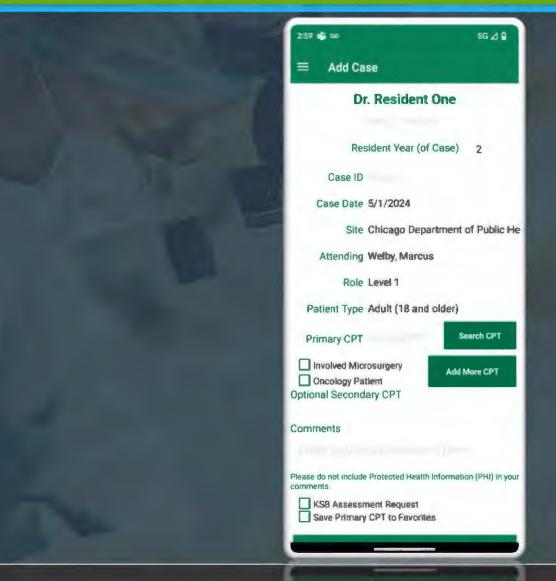


### 5 Facets of Behavioral Skills Assessments

- 1. Ethical Behavior
- 2. Communication
- 3. Interaction
- 4. Reliability
- 5. Self-Assessment



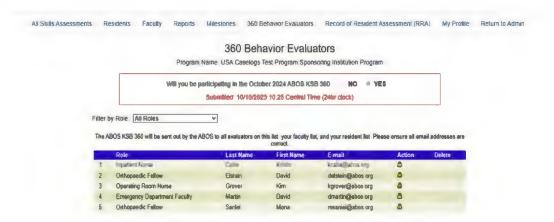




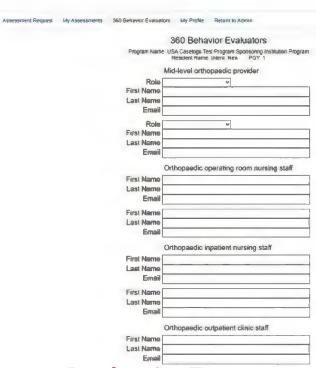


#### ABOS KSB 360

- Once a year (October)
  - All ortho residents
  - All ortho faculty
  - All "others"



Program Inserted List Up to 200 "others"



Resident Can Enter up to 10 others



#### My Professional Behavior Evaluations

Program Name: University Hospital Program

Program Director: Program Coordinator: Evaluator Name: I

The University Hospital Program orthopaedic surgery residency program is participating in the Professional Behavior portion of the American Board of Orthopaedic Surgery's Knowledge, Skills, and Behavior (ABOS KSB) Program. Dr. | has requested your participation in this important national program.

Please click the resident's name to complete a brief Professional Behavior evaluation for each resident with whom you feel you are sufficiently familiar to evaluate.

If you are unable to evaluate the professional behavior of a specific resident because you have not worked with that resident, please do not complete an evaluation for that resident.

Thank you for your important contributions to residency education.

If you have completed evaluations during this session, please CLICK HERE anytime to reload this page to display new Completion Dates.

The American Board of Orthopaedic Surgery's mission is to ensure safe, ethical, and effective practice of orthopaedic surgery. The ABOS maintains the highest standards for education, practice, and conduct through examination, certification, and maintenance of certification for the benefit of the public. If you encounter behavior from a resident that is contrary to safe, ethical, and effective practice of orthopaedic surgery, please contact the Program Director or Program Coordinator of the Orthopaedic Residency Program at your institution.

Resident

**Completion Date** 



Martin, David

10/31/24 1:00 PM CT



Bednar, Michael





## **Faculty**

- NO LOGIN
- NO PASSWORD
- NO DASHBOARD
- NO APP
- Just click the links as they come in!

Faculty will have 2 weeks from request Best Recommendation: 72 Hours





## **Faculty**

Additional optional milestones questions

Dr. ABOS Attending2 ABOS Professional Behavior Assessment of Dr. Resident Staging for 6/20/2024 12:04 PM 6. Feedback to Resident (1200 character limit)

Please do not include Protected Health Information (PHI) in your comments.

You have completed the professional behavior evaluation. Please take the time to answer additional Milestones assessments about **Dr.**Resident Staging

Previous | Submit and Proceed to Milestones Questions | Submit and Decline Milestones Questions

- Training the Evaluator-SAE
  - -2025





#### Portal To-Dos



#### Continue to maintain ADS as you always have!



## Resident List

	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•		Program f	lame USA Case										
		~				logs Test Pr	ogram Spo	onsoring Instituti	on Program						
	Note: Co		± Add Resident												
	Notes Co	Total Count: 18													
		Note: Cases, Assessment Requests, and Completed Assessments are totals for each resident of all available ABOS data and are not limited to the current program year.  Current Assessment Completed ACCME Flag if in													
	PGY	Resident	Cases	Requests	Assessments	ACGME				de	riag if in ficil of weeks	Status			
	é	Doe Jeffrey	0	0	0	No	Bil.	Assessments	Micsipolis 20	NATIONAL PROPERTY.		Active			
	6	Elliot, Anderson	0	37	0	No	Profile	Assessments	Milestones 2.0	Knowledge		Active			
	5	Doe, Jackson	0	0	0	No	Profile	Assessments	Aulestones 2.0	Knowledge		Active			
	5	Doe, James	0	0	0	No	Pielle	Anesanelle	AMMERICAN	America:		Active			
	5	Doe, Jerome	0	0	0	No	Profile	All Skills Asses	sments Resid	ents Faculty Rep	orls 360 Behavior	Evaluators My Profile Log Out			
	4	Doe, Jack	0	0	0	No	Profile	Resident Profile							
	4	Doe, John	0	0	0	No	Profile								
	4	Doe, Jordan	0	0	0	No	Profile			Usemame					
	4	Resident Test	0	0	0	Yes	Profile	First Name Last Name							
	4	Two, Resident	1	1	1	Yes	Profile								
			·							Email					
	3	Doe, Jessica	0	0	0	No	Profile			Cell Phane					
	3	Saniei, Mona	0	1	1	No	Profile			Program Name		21 – June 30, 2022)			
	1	One, Resident	192	128	60	Yes	Profile			Contact Preference	the same of the sa	21 - Julie 30, 2022)			
										Status Resident Photo	*Active Inacti     Upload Image	This photo will be visible to evaluators receiving an email from the ABOS KSB Program for a 360-evaluation. Your Program Director has included nursing staff, outpatient citic staff, advanced practice providers, and emergency room aculty in this 360-evaluation. Your uploaded image file met not be larger than 4MB in size.			
											Add Resident				



#### Resident Tab

#### ABOS KSB+ Resident List

Sanlei, Mona

One, Resident

62

45

Yes

Profile

All Skills Assessments Residents Faculty Reports My 360 Behavior Evaluators Record of Resident Assessment (RRA) My Profile Return to Admin Download Resident List Residents Program Name USA Caselogs Test Program Sponsoring Institution Program + Add Resident Active Total Count: 13 Assessment Completed ACGME Flag if in Resident Cases Status Requests Assessments ADS deficit of weeks Active Doe Jeffrey No Asses ments Knowledge Elliot, Anderson No Milestones Active Knowledge No Milestones Active Doe, Jackson Profile Assessments Knowledge 2.0 No Doe, James Assessments Milestones Active Profile Knowledge No Doe. Jerome Milestones Active Profile Assessments Knowledge No Doe Jack Milestones Knowledge Active Doe John No Milestones Active Profile Assessments Knowledge 2.0 No Doe Jordan Milestones Active Profile Assessments Knowledge Yes Milestones Resident, Test Profile Assessments Knowledge Active Two Resident Yes **Profile** Assessments Milestones Knowledge Active 2.0 Doe, Jessica No Profile Assessments Milestones Knowledge Active Active

Milestones

Milestones

Knowledge

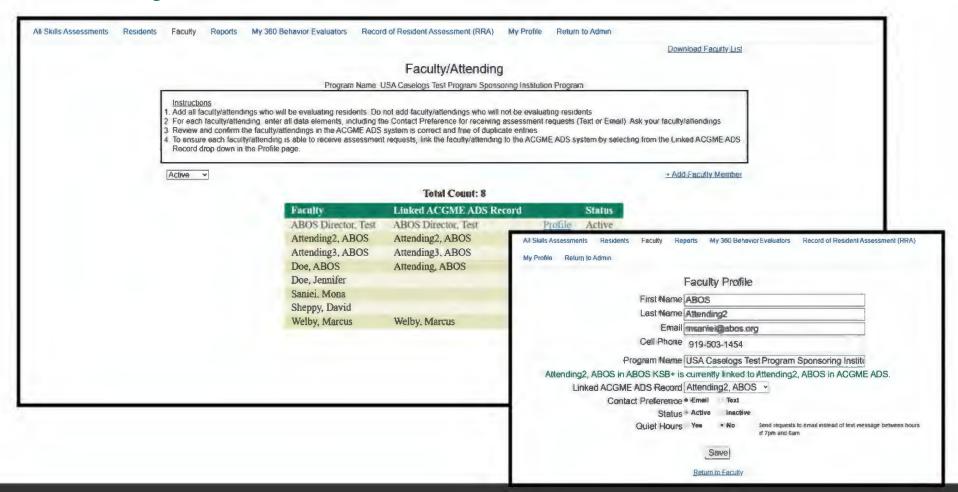
Knowledge

Active

**Note: Only** PDs will be able to see **Knowledge** (OITE/Part I Linking) **Scores** 



## Faculty List





## Faculty Housekeeping

- Be sure your Program Coordinator knows your contact preference (Email or Text)
  - Quiet Hours Option: text messages from 7pm to 6am will go straight to your email inbox
    - Share preference with PC
- All Text messages come from (331)305-6696
  - Do not block!



## Faculty Tab

You will be able to see if there is a matching Faculty Record in ACGME ADS. This will allow for KSB Assessment Requests. All Skills Assessments Residents Faculty Reports My 360 Behavior Evaluators Record of Resident Assessment (RRA)

My Profile Return to Admin

#### Faculty/Attending

Program Name USA Caselogs Test Program Sponsoring Institution Program

#### Instructions

Add only and all faculty/attendings who will complete assessment requests.

For each faculty/attending, enter all data elements, including the Contact Preference for receiving assessment requests (Text or Email). Ask your faculty/attendings.

Review and confirm the faculty/attendings in the ACGME ADS system is correct and free of duplicate entries.

4. To ensure each faculty/attending is able to receive assessment requests, link the faculty/attending to the ACGME ADS system by selecting from the Linked ACGME ADS Record drop down in the Profile page.

Active

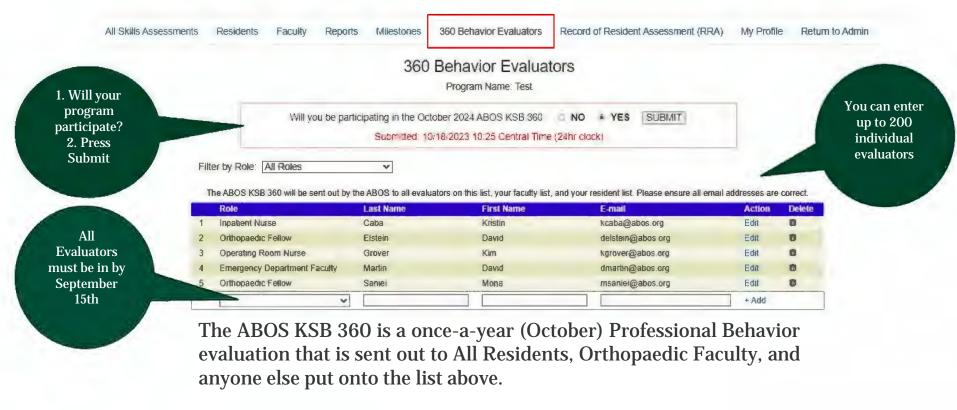
+ Add Faculty Member

#### **Total Count: 7**

Faculty	Linked ACGME ADS Record		Status
ABOS Director, Test	ABOS Director, Test	<u>Profile</u>	Active
Attending2, ABOS	Attending2, ABOS	<u>Profile</u>	Active
Attending3, ABOS	Attending3, ABOS	<b>Profile</b>	Active
Doe, ABOS	Attending, ABOS	<u>Profile</u>	Active
Doe, Jennifer		<u>Profile</u>	Active
Sheppy, David		<u>Profile</u>	Active
Weiby, Marcus	Welby, Marcus	<u>Profile</u>	Active



#### Insert 360 Evaluators



This tab is specifically for all individuals outside of your residents and orthopaedic faculty.



### Pull ABOS Reports



- Please explore these reports and what they have to offer
- Many of them are downloadable (Excel or PDFs)
- If you have any questions, please contact ksb@abos.org.



## Surgical Skills and Professional Behavior Spreadsheets

	X.										
PGY	Resident	Procedure	Other - Subspeciality CPT Code	Procedure Date	Faculty	Complexity	Global Evaluation	Feedback	Pre-Procedure Plan	Case Preparation	Knowledge of Specifi
6	Elliot, Anderson	Ankle Arthroscopy		Nov 3 2023 9:24PM	Davis, Brian	Medium	III High Intermediate (functions at expected PGY 3-4)	Test	4 - "I needed to be in the room just in case"	3 - "I had to prompt them from time to time"	4 - "I needed to be in I case"
5	Doe, John "JT"	Ankle Fusion		Nov 6 2023 10:15AM	el, david						
5	"Tt" ndot ,soc	Ankle/Foot Tendon Repair		Jul 7 2023 11:00PM	Doe, Jennie						
5	Doe, John "JT"	Metatarsal Phalangeal Fusion, Great Toe		Nov 6 2023 10:18AM	Doe, Jane						
5	Ooe, John "JT"	Pediatric: Epiphysiodesis		Nov 6 2023 10:19AM	Doe, Jane						
3	Doe, John "JT"	Shoulder: Shoulder Hemiarthroplasty		Nov 6 2023 10:15AM	Shep, David	Medium	IV Competent - requires only supervision (functions as expected of a program graduate)		4 - "I needed to be in the room just in case"	4 - "I needed to be in the room just in case"	4 - "I needed to be in t
5	Doe, John "JT"	Wrist/Hand SoftTiss Repair/Recon		Jul 7 2023 6:00PM	Doe, Jennie						

PGY	Resident	Assessment Type	Date	<b>Evaluator Name</b>	<b>Evaluator Role</b>	Feedback	Ethical Behavior	Communication	Interaction	Reliability	Self-Assess
4	Elm, David	Professional Behavior	Oct 16 2023 10:21AM	Doe, John "JT"	Resident		5. Strongly Agree				
1	Intern, New	Professional Behavior	Oct 16 2023 10:21AM	Doe, John "JT"	Resident	ok	3. Neutral	3. Neutral	4. Somewhat Agree	5. Strongly Agree	5. Strongly Agree
1	Saniei, Mo	Professional Behavior	Oct 16 2023 10:21AM	Doe, John "JT"	Resident		5. Strongly Agree				



## Resident Performance Program Report by PGY-Surgical Skills

• Color coded report that helps compare surgical skill between residents in each PGY.

023-06/30/2024)								
Resident Name	Procedure	Other - Subspeciality CPT Code	Evaluation Completion Date	Evaluator Name	Complexity	Global Evaluation	Global Eval Number	Pre- Procedure Plan
liot Anderson	Ankle Arthroscopy Shou der Shoulder Hemiarthroplasti		11/03/2023	Davis, Brian	2	Ul High Intermediate (functions at expected PGY 3-4)  WiCommistent requires only 5 impression directions as expected of a program madicates.	3	4
	Resident Name	Resident Procedure Name Ankle Anthroscopy	Resident Procedure Subspeciality Name Procedure CPT Code iot Anderson Ankle Arthroscopy	Resident Procedure Subspeciality CPT Code Date  Ankle Arthroscopy 11/03/2023	Resident Procedure Subspeciality CPT Code Completion Name  Ankle Arthroscopy CPT Code Date Evaluation Completion Date  11/03/2023 Davis, Brian	Resident Procedure Subspeciality CPT Code Completion Date Evaluator Complexity iot Anderson Ankle Arthroscopy 11/03/2023 Davis, Brian 2	Other - Evaluation Evaluator Resident Procedure Subspeciality Completion Name Complexity Global Evaluation Name CPT Code Date	Resident Procedure Subspeciality CPT Code Date Completion Name Complexity CPT Code Date Complexity CPT Code Date Complexity CPT Code Date Complexity CPT Code Date Complexity CPT Code CPT COD CPT CODE CPT CODE CPT COD CPT CODE CPT COD CPT COD CPT CODE CPT

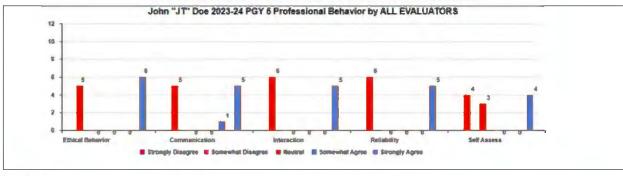
Test (07/01/2021-06/30/2024)										
PGY	Resident Name	Evaluation Completion Date	Evaluator Name	Evaluator Role	Eval 360 (Y/N)	Ethical Behavior	Communication	Interaction	Reliability	Self-Assessment
4	Elliot, Anderson	01/31/2022	REDACTED	REDACTED	N	1	4		4	
2	Doe John "JT"	03/08/2022	Doe, Jane	Attending	N	1	1	1	1	2
2	Doe John "JT"	08/17/2021	REDACTED	REDACTED	N	1	1			1
2	Doe John "JT"	08/09/2021	REDACTED	REDACTED	N	1	1			1
2	Doe John "JT"	07/26/2021	REDACTED	REDACTED	N		N.	1	1	
2	Doe John "JT"	07/22/2021	REDACTED	REDACTED	N					2
2	Doe John "JT"	07/22/2021	REDACTED	REDACTED	N					
2	Doe John "JT"	07/22/2021	REDACTED	REDACTED	N	1			1	1
2	Doe John "JT"	07/14/2021	REDACTED	REDACTED	N					
1	Intern New	10/16/2023	Doe John "JT"	Resident	Y	3	3	4_		
									•	



#### Professional Behavior Charts

- Color coded chart that can be printed.
- Shows professional behavior feedback of resident over all time.
- Click Resident Name to see breakdown by type of evaluator and by 360 evaluator type.

#### John "JT" Doe 2023-24 PGY 5 Professional Behavior



#### Feedback:

08/17/2021 - Resident is consistently late, rude to staff, and does not listen to patients.

08/09/2021 - Not prepared

07/26/2021 - Ok but needs work

07/22/2021 - sdf

07/22/2021 - horrible

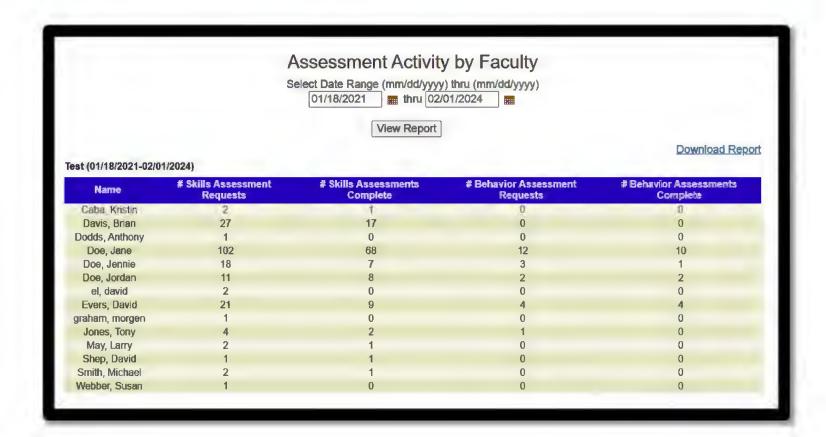
06/22/2021 - eh

06/16/2021 - They consistently used vulgar language. They never showed up on time for surgery, and I constantly had to monitor their behavior.

01/22/2021 - Type your feedback here.



#### Assessment Activity by Faculty & Resident

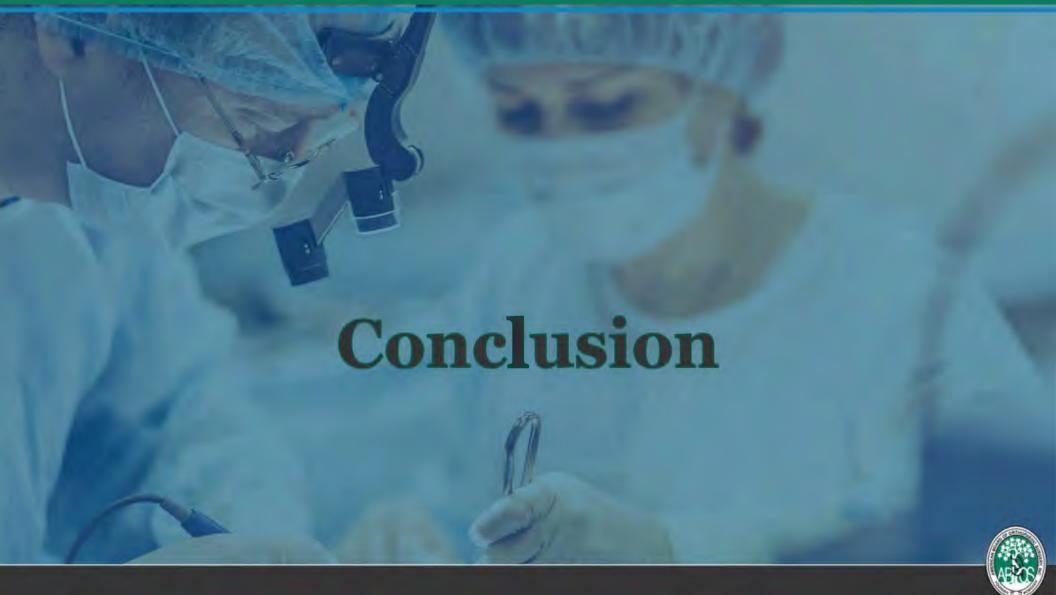




#### ABOS KSB Milestones Chart

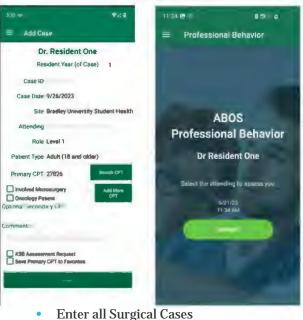
	f	Patient Care 1: Operative Management of Fractures and Dislocations  Lower: Femoral Neck Fx								
Interperso										
Interpers		Faculty	Date	Rating	Feedback					
Interperse	1		11/06/2021	5	Great job not only on the case but teaching it to the intern as well					
Mode	Gen		06/29/2021	4						
Patient Care Patie  Patik Patien Practice- Practice-Based L	Low Pedi: Upp		06/24/2021	3	Very nice job on the approach and room set up. You know the steps of the approach and handled them well. You will gain the independence needed to perform the more complex aspects (choosing final reaming/broach size, stem height, management or calcar bone loss) with additional repetitions of this procedure. Ver good case management for this first week of PGY4 year. I appreciated you talking through your steps - it shows what you know and are anticipating in the case. Good work! Fully expect yo will gain independence of such a case this year.					
			06/20/2021	3	Dr. did a nice job with the technical execution of this operation I would encourage him to more consciously direct the procedure a this level. For example, ask for the bed height to be raised realized that drilling two of the holes but not all three is a wasted step, etc.					
Sy	Uţ Up		05/31/2021	4	Great job with wire navigation and screw placement for femoral neck fracture					





#### ABOS KSB+ & ABOS Resident Dashboard

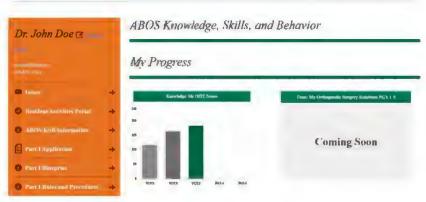
ABOS KSB+ App or Website www.abos.org/ksb



Same username different password!

- Case Logs
- KSB Surgical Skill Assessments
- Professional Behavior Assessments

ABOS Resident Dashboard www.abos.org



- Resident-Facing Longitudinal Progress
  - Multi-Purpose
    - Rules and Procedures
      - Surgical Skills Assessment Ratings
      - Professional Behavior Assessment Ratings
      - OITE Performance
      - Part I Blueprint
      - Part I Examination Application



#### Website (www.abos.org/abosksb)







#### ABOS Website and Social Media

Facebook



X



LinkedIn



YouTube



Instagram



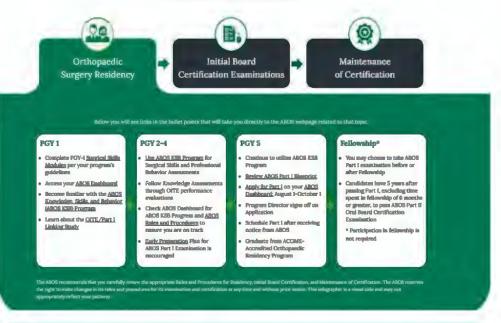
Podcast



#### **ABOS Residency to Retirement Roadmap**

This infographic guides you through 3 stages of your orthopaedic surgery career.

Click on the next stage to see more details.









## Thank You

# CONTACT: KSB@ABOS.ORG (919)929-7103



American Board of Orthopaedic Surgery

Establishing Education & Performance Standards for Orthopaedic Surgeons

#### Conclusion

- 1. Know the participation requirements!
  - Minimum 3 OITE
  - 320 Surgical Skills Completed Assessments Total
  - 24 EOR Completed Assessments Total
- 2. Participation Requirements must be met to be able to eligible for Part I examination.
  - If not met, carry into fellowship/private practice until requirement met.
- 3. You have 48 hours post surgical procedure to request an assessment.
- 4. NO DUPLICATE ENTRY IN ADS SYSTEM.

